

Amendments to the Claims:

1. (Currently Amended) A method for removing membranous lead sulfate deposited on electrodes of a lead-acid battery due to a sulfation, ~~comprising: featured by~~
 applying using a negative pulse current having a short pulse width to bring about a conductor skin effect for intensively dissolving a the surface layer of said membranous lead sulfate deposited on said electrodes of said battery, said negative pulse current having a pulse width of less than 1 μ s and a pulse frequency of from 8000 to 12000 Hz.
2. (Currently Amended) The method set forth in claim 1, ~~further comprising: featured by~~
 _____charging said lead-acid battery while or after applying said pulse current to said battery, to ~~resolve resolving~~ the lead sulfate dissolved by applying said pulse current.
3. (Cancelled)
4. (Cancelled)
5. (New) The method set forth in claim 1, wherein
 said pulse width of said negative pulse current is in the range of 0.1 μ s to 1 μ s.